Daily Diary Report by Bid Item

Contract No.: **04-0120F4**

Diary #: **877** **Const Calendar Day:** 409 **Date:** **18-Jul-2013** **Thursday**
Inspector Name: **Bruce, Matt** **Title:** **Transportation Engineer**
Inspection Type: Intermittent
Shift Hours: 07:00 am 05:30 pm **Break:** 00:30 **Over Time:** 02:00
Federal ID:
Location:
Reviewer: **Wilcox, Jason** **Approved Date:** **Status:** Submit

04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge

Weather

Temperature **7 AM** 50 - 60 **12 PM** 60 - 70 **4PM** 60 - 70
Precipitation 0.00" **Condition** Partly cloudy

Working Day ☐ If no, explain:

Diary: Dispute ☐

Work description.

- See Pamela Gagnier and or Brian Wolcott's diaries for the S1/S2 Shear Key modification work today as they are tracking the labor, equipment, and work progress of Conco and ABFJV personnel.

- Attended weekly SAS Safety Tailgate meeting at 8:00am.

- Took measurements of the S1 Shear Key retrofit transverse tendon blockouts placed on the corner forms by Conco carpenters with the assistance of Damon Brown.

The corner points of the formwork on the soffit were surveyed (mentioned in previous diaries) and used as a reference for measurements. The transverse, vertical, and longitudinal dimensions of the Transverse Tendon blockouts were measured referencing the same points per plan sheet 519S10.

A tape was used to measure the blockout transverse and longitudinal dimensions using the corners of the surveyed formwork. The top dead center of the bearing plates was marked and used as a reference point for all measured dimensions. Vertical dimensions were measured from the surveyed soffit to the top dead center of the bearing plate. Tree calipers were used to measure between some of the bearing plates as well. It should be noted that some of the dimensions were not measured due to the congestion of the materials. However a visual check was done for some of the unaccessible dimensions to verify the blockout placement.

The angle of the blockout off the forms was checked using a simple protractor from the formwork, see photo below. The average angle off of the forms was 13.8 degrees with a max angle of 17.5degrees and a minimum angle of 10degrees. It should be noted that the plan dimension from sheet 519S10 is 10.5 degrees and the ABF formwork drawings specifies a dimension of 16.5 degrees.

- Set-up an arbitrary baseline and coordinates for surveying the Westbound OTD service platform per the request of Gary Lai. This structure is going to be loaded for multiple hours tomorrow, verifying that the anchors in concrete can resist tension and shear for seismic design.

Attachment

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Job Name: 04-0120F4 **Inspector Name** Bruce, Matt **Diary #:** 877 **Date:** 18-Jul-2013 Thursday

Measurement with a protractor of a transverse tendon blockout.

Westbound OTD service platform to be surveyed tomorrow when load tested, note mini prisms are set below under the outboard supports.